Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 02 Jul 2023 until 23:59 on Monday 03 Jul 2023

Forecast Issued on Saturday 01 Jul 2023 at 13:57

Confidence: High confidence in the overall weather situation for the next couple of days, although slightly lower for rain and cloud details. Beyond this into next week the uncertainty rises.

Headline for Sunday 02 Jul 2023: A day of sunny spells and light, drizzly showers. Windy.

Mountain weather hazards on Sunday 02 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Light rain	Light rain showers	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
20%	30%	40%	30%	30%	20%	20%	10%

Forecast for Sunday 02 Jul 2023

Weather: Mostly cloudy overnight with occasional clear spells. Light drizzly showers push in from the west overnight, mainly affecting western hills. These will continue on through much of the day, only dying out into the evening. Sunny spells are likely through the day, with the best of conditions in the east of the park, where its possible conditions stay dry for much of the day.

Chance of cloud-free hill tops above 600m: 70% in west, becoming 90% by midday. 90% elsewhere throughout.

Low cloud and visibility: Banks of low cloud (bases around 600m) pushing in from the west may initially cover some higher summits in the west during the early hours, but should lift above through the morning. Scraps of cloud may shroud some higher peaks at times during the day in drizzly showers. Visibility generally very good, likely dropping to poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 02 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	21/29 W	23/32 W	26/37 W	28/40 W	27/39 W	25/35 W	18/27 W	16/24 W
300	15/23 W	16/26 W	17/25 W	22/33 W	22/33 W	23/35 W	19/29 W	14/22 W	12/19 W
Valley	10/23 W	12/26 W	12/25 W	18/33 W	19/36 W	19/36 W	17/33 W	11/24 W	9/19 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	8/4	8/3	9/5	10/6	11/7	11/7	9/6	8/4
300	12/9	11/8	10/7	12/8	14/10	14/10	14/10	12/9	11/8
Valley	12/10	11/9	12/9	13/10	15/11	16/12	14/11	13/10	11/9
Freezing Level*	1700m	1600m	1600m	1600m	1700m	1700m	1800m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to High UV levels are forecast so carrying sun protection recommended. Strong winds at higher elevations could make walking conditions extremely arduous at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 01 Jul 2023	15.8mm	18.8mm	21.2mm

Forecast for Monday 03 Jul 2023

Weather: Scattered showers at first with the odd sunny spell at times. Cloud increasing through the morning, with an area of rain and showers moving in from the west through the day. Showers could be heavy at times through the afternoon and evening, with the possibility for the occasional rumble of thunder.

Maximum wind: West-southwesterly 20-25mph, with frequent gusts around 30-35mph.

Chance of cloud-free hill tops above 600m: 90% at first, dropping to 70% in west.

Low cloud and visibility: Cloud comfortably above summits overnight. Cloud does thicken and lower through the morning, but likely staying above summits, perhaps shrouding some higher peaks in heavier showers at times. Visibility starting off very good, but likely dropping to poor at times in rain and showers.

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 11 Celsius.
Freezing level: Above summits.

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